

to cover the fee associated with this extension, as set forth in 37 C.F.R. § 1.17. The Commissioner is hereby authorized to charge any additional fee or to credit any overpayment in connection with this Petition to Deposit Account No. 50-0836.

IN THE CLAIMS:

Please cancel claims 20, 22-33, without prejudice.

Please add the following new claims nos. 34-67, as indicated below.

Sub D2
34. A communications device, the communications device having a first side with a dimension which is not substantially greater than 10.5mm, the communications device compliant with the PCMCIA communications standard and which can be received by a signal utilizing device, comprising:

374 A
connector housing means for interfacing with a communications line;

374 B
body means for making operative and removable connection with the signal utilizing device;

means for removably attaching the connector housing means to the body means such that the connector housing means and the body means are held together as a unitary module;

and

on the connector housing and body means
means for conveying a communications signal between the communications line and

a signal utilizing device.

35. A communications device as defined in claim 34 wherein the means for conveying a communications signal comprises:

at least one recess means provided in the connector housing means, the recess means having dimensions such that a plug is closely received therein;

a first electrical conductor provided in the recess means, the first electrical conductor being positioned such that it makes electrical continuity with the first electrical contact in the plug when the plug is received by the recess means;

a second electrical conductor provided in the recess means, the second electrical conductor being positioned such that it makes electrical continuity with the second electrical contact in the plug when the plug is received by the recess means; and

means for conveying any electrical signal present on the first and second electrical contacts to the communications device.

36. A communications device as defined in claim 35 wherein the recess means closely receives an RJ-xx series plug.

37. A communications device as defined in claim 34 wherein the connector housing means comprises a plug selected from the group consisting of the RJ-11, RJ-12, and RJ-45 plugs.

38. A communications device as defined in claim 34 wherein the communications device comprises a PCMCIA Type III compliant communications card.

39. A communications device, the communications device having a first side with a dimension which is not substantially greater than 10.5mm, the communications device compliant

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conced

with the PCMCIA communications standard and which can be received by a signal utilizing device,
comprising:

a connector housing adapted for interfacing with a communications line;

a card body adapted for making operative and removable connection with the signal
utilizing device;

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(continued)

means for removably attaching the connector housing means to the body means such
that the connector housing means and the body means are held together as a unitary module;
and

on the conn housing of card body

means for conveying a communications signal between the communications line and
a signal utilizing device.

40. A communications device, the communications device having a first side with a
dimension which is not substantially greater than 10.5mm, the communications device comprising:

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data access means for interfacing communications signals received and generated by
the communications device;

means for removably holding the data access means substantially within the
communications device such that the data access means can be removed from and inserted
into the communications device as a unitary module; and

means for conveying a communications signal between the data access means and a
signal utilizing device.

41. A communications device as defined in claim 40 wherein the means for conveying a communications signal comprises:

body means, the body means including at least one recess means provided in the body means, the recess means having dimensions such that a plug is closely received therein;

a first electrical conductor provided in the recess means, the first electrical conductor being positioned such that it makes electrical continuity with the first electrical contact in the plug when the plug is received by the recess means;

a second electrical conductor provided in the recess means, the second electrical conductor being positioned such that it makes electrical continuity with the second electrical contact in the plug when the plug is received by the recess means; and

means for conveying any electrical signal present on the first and second electrical contacts to the communications device.

42. A communications device as defined in claim 40 wherein the means for conveying a communications signal comprises an antenna.

43. A communications device as defined in claim 40 wherein the means for conveying a communications signal comprises:

a cord; and

means for connecting the cord to a portable telephone.

44. A communications card for use in a data utilization device and for receiving an RJ-xx series plug having a biased clip and for making electrical connection with at least first and second electrical contacts provided on the plug, comprising:

a first surface;

a second surface, the second surface being substantially parallel to the first surface and forming upper and lower surfaces of the communications card;

a first end;

recess means provided at the first end, the recess means being oriented substantially perpendicularly to the upper surface and the lower surface, the recess means having dimensions such that the plug is closely received therein;

a first electrical conductor provided in the recess means, the first electrical conductor being positioned such that it makes electrical continuity with a first electrical contact in the plug when the plug is received by the recess means;

a second electrical conductor provided in the recess means, the second electrical conductor being positioned such that it makes electrical continuity with a second electrical contact in the plug when the plug is received by the recess means;

means for conveying any electrical signal present on the first and second electrical contacts to the communications device; and

a cutout formed on the first surface adjacent to the recess means, the cutout shaped to receive the biased clip.

45. A communications card for use in a data utilization device and for receiving an RJ-xx series plug having a biased clip and for making electrical connection with at least first and second electrical contacts provided on the plug, comprising:

a pivoting cover provided on a first end of the communications card, the pivoting cover having an open position and a closed position;

a recess means for receiving the plug within the pivoting cover when the pivoting cover is in the open position, the recess means having dimensions such that the plug is closely received therein;

a first electrical conductor provided in the recess means, the first electrical conductor being positioned such that it makes electrical continuity with a first electrical contact in the plug when the plug is received by the recess means;

a second electrical conductor provided in the recess means, the second electrical conductor being positioned such that it makes electrical continuity with a second electrical contact in the plug when the plug is received by the recess means; and

means for conveying any electrical signal present on the first and second electrical contacts to the computing device.

46. A communications card for use in a data utilization device and for receiving an RJ-xx series plug having a biased clip and for making electrical connection with at least first and second electrical contacts provided on the plug, comprising:

a pivoting cover provided on a first end of the communications card, the pivoting cover having an open position and a closed position;

what is cover clip holder only jaws as referred to

the recess means being one within the cap where the cover is in closed position

unclear as what is referred to

Fig 22

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(continued)

Fig 22

112 6.36

(Non-electrical)

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recess
receive
the clip

recess means formed in the first end of the communications card, the recess means having dimensions such that the plug is closely received therein;

a first electrical conductor provided in the recess means, the first electrical conductor being positioned such that it makes electrical continuity with a first electrical contact in the plug when the plug is received by the recess means;

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a second electrical conductor provided in the recess means, the second electrical conductor being positioned such that it makes electrical continuity with a second electrical contact in the plug when the plug is received by the recess means;

3 (continued)

a clip holder pivotally attached to the first end of the communications card, the clip holder having an aperture therein which is adapted to receive a clip on the plug such that operative connection with the plug is maintained; and

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means for conveying any electrical signal present on the first and second electrical contacts to the data utilization device.

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47. A communications card for use in a data utilization device as defined in claim 46 wherein the pivoting cover and the clip holder are both partially disposed in the recess means when in their closed position.

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48. A communications card for use in a data utilization device as defined in claim 46 further comprising means for biasing the clip holder in the closed position.

Not
one
of
electrical
spec

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not

49. A communications card for use in a data utilization device as defined in claim 46 wherein the pivoting cover is attached adjacent to the lower edge of the first end of the communications card and adjacent to the recess means.

no pivot seen

not seen

50. A communications card for use in a data utilization device as defined in claim 46 wherein the recess means comprises a rectangular recess in the first end of the communications card.

51. A communications card for use in a data utilization device as defined in claim 46 wherein the plug comprises a plug selected from the group consisting of the RJ-11, RJ-12, and RJ-45 plugs.

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6,36

52. A communications connector for use in a data utilization device and for receiving an RJ-xx series plug having a biased clip and for making electrical connection with at least first and second electrical contacts provided on the plug, comprising:

a drawer, the drawer positioned on an end of the data utilization device;

means for retracting and extending the drawer into and out of the data utilization device, the drawer having a first extended open position and a second retracted position;

recess means for holding the plug, the recess means formed in the drawer, the recess means having dimensions such that the plug is closely received therein along at least portions of three sides of the plug;

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Fig 23

a first electrical conductor provided in the recess means, the first electrical conductor being positioned such that it makes electrical continuity with a first electrical contact in the plug when the plug is received by the recess means;

a second electrical conductor provided in the recess means, the second electrical conductor being positioned such that it makes electrical continuity with a second electrical contact in the plug when the plug is received by the recess means;

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(continued)
a clip holder ^{formed on} ~~pivotaly attached to~~ the drawer, the clip holder having an aperture therein which is adapted to receive a clip on the plug such that operative connection with the plug is maintained when the plug is receiving in the recess means; and not seen

means for conveying any electrical signal present on the first and second electrical contacts to the data utilization device.

53. A communications connector for use in a data utilization device as defined in claim 52 wherein the drawer has a V-shaped cross section and wherein the clip holder has a V-shaped cross section and wherein the clip holder is mated with the drawer when the drawer is retracted into the data utilization device.

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54. A communications connector for use in a data utilization device as defined in claim 52 further comprising means for biasing the clip holder in a closed position.

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not seen

55. A communications connector for use in a data utilization device as defined in claim 52 wherein the ~~pivoting cover is attached adjacent to the lower edge of the first end of the communications card and adjacent to the recess means.~~ ^{drawer is attached adjacent to}

56. A communications connector for use in a data utilization device as defined in claim 52 further comprising means for biasing the drawer to its extended position and means for selectively holding the drawer in its retracted position. ?

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(continued)

57. A communications connector for use in a data utilization device as defined in claim 52 wherein the recess means comprises a rectangular recess formed in the drawer.

58. A communications connector for use in a data utilization device as defined in claim 52 wherein the plug comprises a plug selected from the group consisting of the RJ-11, RJ-12, and RJ-45 plugs.

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59. A communications card for use in a data utilization device and for receiving an RJ-xx series plug having a biased clip and for making electrical connection with at least first and second electrical contacts provided on the plug, comprising:

a sliding drawer provided on a first end of the communications card, the sliding drawer having an open position and a closed position;

recess means for receiving the plug within the sliding drawer when the sliding drawer is in the open position, the recess means having dimensions such that the plug is closely received therein;

first electrical conductor provided in the recess means, the first electrical conductor being positioned such that it makes electrical continuity with a first electrical contact in the plug when the plug is received by the recess means;

second electrical conductor provided in the recess means, the second electrical conductor being positioned such that it makes electrical continuity with a second electrical contact in the plug when the plug is received by the recess means; and

means for conveying any electrical signal present on the first and second electrical contacts to the computing device.

60. A communications connector for use in a communications device and for receiving an RJ-xx series plug having a biased clip and for making electrical connection with at least first and second electrical contacts provided on the plug, comprising:

a sliding drawer provided on a first end of the communications device, the sliding drawer having an open position and a closed position;

recess means for receiving the plug within the sliding drawer when the sliding drawer is in the open position, the recess means having dimensions such that the plug is closely received therein;

a bottom formed on the sliding drawer;

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means for moving the bottom out of the sliding drawer when the drawer is in the open position; ^{Capable of moving out}

a first electrical conductor provided in the recess means, the first electrical conductor being positioned such that it makes electrical continuity with a first electrical contact in the plug when the plug is received by the recess means;

a second electrical conductor provided in the recess means, the second electrical conductor being positioned such that it makes electrical continuity with a second electrical contact in the plug when the plug is received by the recess means; and

means for conveying any electrical signal present on the first and second electrical contacts to the communications device.

61. A communications connector for use in a communications device as defined in claim 60 wherein the communications device comprises a PCMCIA Type III compliant communications card.

62. A communications connector for use in a communications device as defined in claim 60 sliding drawer extends out of the communications card when in its open position.

63. A communications connector for use in a communications device as defined in claim 60 further comprising means for ^{urging} biasing the bottom to a compact configuration when the plug is not received within the sliding drawer.

64. A communications card for use in a data utilization device and for receiving an RJ-xx series plug having a biased clip and for making electrical connection with at least first and second electrical contacts provided on the plug, comprising:

^{424 A}
a first jaw provided on a first end of the communications card;

^{424 B}
a second jaw provided on a first end of the communications card;

means for moving the first jaw and the second jaw between a first position extending out of the communications card and a second position retracted into the communications card;

recess means for receiving the plug, the recess means formed by a space between the first jaw and the second jaw, and bounded by the first jaw and the second jaw, when the first and second jaws are in their first extended positions, the recess means having dimensions such that the plug is closely received therein;

a first electrical conductor provided in the recess means, the first electrical conductor being positioned such that it makes electrical continuity with a first electrical contact in the plug when the plug is received by the recess means;

a second electrical conductor provided in the recess means, the second electrical conductor being positioned such that it makes electrical continuity with a second electrical contact in the plug when the plug is received by the recess means; and

means for conveying any electrical signal present on the first and second electrical contacts to the data utilization device.